

635 SOUTH ELMWOOD AVENUE
P.O. BOX 4076
DAVENPORT, IOWA 52808
EMERGENCY PHONE 563-324-3381

Material Safety Data Sheet

Effective date: 8/27/2007
Revision: 1

Print date: 8/27/2007

NFPA: Health 1, Fire 0, Reactivity 0

Page 1 of 3

1. INGREDIENTS:

CHEMICAL NAME:

Sodium Chloride
Calcium Chloride
Potassium Chloride
Polymeric Colorant
Accelerating Agents

CAS#:

07647-14-5
10043-52-4
07789-30-3
N/A
N/A

2. HEALTH HAZARD DATA:

EYES:

May cause severe irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

SKIN CONTACT:

Short single exposure is not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn if skin is damp or abraded.

INHALATION:

Vapors are unlikely due to physical properties. Dust may cause irritation to upper respiratory tract.

INGESTION:

Single dose oral toxicity is low. Ingestion may cause gastrointestinal irritation or ulceration. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

TOXICITY TO ANIMALS:

Acute oral toxicity (LD50) = 100-1600 mg/kg (RAT).

SYSTEMIC (other target organs) EFFECTS:

The components of this product are not listed by IARC, NTP, or OSHA as carcinogen for hazard communication purposes.

MUTAGENIITY:

Results of in vitro (test tube) mutagenicity tests have been negative.

3. FIRST AID:

EYE CONTACT:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water should be used. Obtain medical attention if irritation persists.

SKIN CONTACT:

Wash with soap and water. Obtain medical attention if irritation persists. Cold water may be used.

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Page 2 of 3

INHALATION:

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

INGESTION:

If swallowed, do not induce vomiting. Give large amounts of water or milk if available and transport to medical facility.

NOTE TO PHYSICIAN:

If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

4. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:

Not available

FLAMMABLE LIMITS:

Not available

EXTINGUISHING MEDIA:

Use extinguishing media suitable for surrounding materials.

FIRE FIGHTING PROCEDURES:

Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turn out gear.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Not available

5. ACCIDENTAL RELEASE MEASURES:

SMALL SPILLS:

CLEAN UP:

Contain spill if possible. Collect material in a suitable and properly labeled container and flush area with plenty of water.

LARGE SPILLS:

Avoid contamination of drinking water, natural water ways, or ground water supply. Incorrect application of this product from its intended use is not expected to be harmful to the environment.

CLEAN UP:

Dike spill and transfer to suitable and properly labeled containers.

ECOTOXICITY DATA:

Maybe harmful to fresh water aquatic species and to plants that are not saline tolerant.

DISPOSAL METHOD:

Waste must be disposed of in accordance with federal, state/provincial and local environmental control regulations. Flush residue with plenty of water.

6. EXPOSURE CONTROLS/PERSONAL PROTECTION:

VENTILATION:

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION:

Dust mask if dust is produced when used.

EYE PROTECTION:

Wear a face shield, safety glasses or chemical goggles.

PROTECTIVE CLOTHING:

Cotton gloves

7. PHYSICAL DATA:

PHYSICAL STATE & APPEARANCE

Blue colored crystalline solid w/ white flake

ODOR

Odorless

pH: (5% SOLV/WATER)

6 to 8 (Neutral)

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Page 3 of 3

SPECIFIC GRAVITY	1.988 (WATER = 1)
VAPOR PRESSURE	0.1 kpa (1mm hg) (at 865°C)
VAPOR DENSITY	Not applicable
SOLUBILITY	Solubility in water

8. STABILITY & REACTIVITY DATA:

PRODUCT STABILITY:	Stable.
CHEMICAL INCOMPATIBILITY:	Hot Nitric Acid
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	Mildly corrosive to metals in the presence of moisture.

9. ENVIRONMENTAL AND DISPOSAL INFORMATION: (See Section 14 for Regulatory Information)

DISPOSAL:

DO NOT DUMP into any sewer systems, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Ossian, Inc. has no control over the management practices or processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended condition as described in MSDS section 1.

FOR UNUSED & UNCONTAMINATED PRODUCT:

Send to a licensed and/or permitted: re claim, landfill, or waste water treatment facility.

13. TRANSPORT INFORMATION:

UNITED STATES DOT INFORMATION:

This product is not regulated by D.O.T. when shipped domestically by land.

CANADIAN TDG INFORMATION:

This product is not regulated by T.D.G. when shipped domestically by land.

14. REGULATORY & SHIPPING DATA: (Not meant to be all-inclusive- selected regulations represented)

D.O.T. PROPER SHIPPING NAME:	N/A
HAZARDOUS SUBSTANCE 49CFR CERCLA:	N/A
D.O.T. HAZARD CLASS	N/A
D.O.T. LABELS REQUIRED	N/A
D.O.T. PLACARDS REQUIRED	N/A

15. SUPPLIER INFORMATION:

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